

Guidance Document – Missouri

Landuse: Cropland Conversion from Native Sod

Problems . . .	Resource Setting . . .
✓ soil loss of 12 tons per acre per year	✓ central Missouri – MLRA 109
✓ small ephemeral gullies	✓ deep, somewhat poorly drained soils formed in loess and till on sloping uplands
✓ conservation compliance (Farm Bill)	✓ native sod

Concerns:

*Sheet and Rill
Erosion*

*Ephemeral
Gullies*

*Conservation
Compliance*

Alternative #1-BCS: *This alternative will reduce soil erosion rates to “T” and treat ephemeral gully problems.*

328 - Conservation Crop Rotation	+	0	F
329 - Residue Management – No Till	++	0	F
330 - Contour Farming	+	+	F
412 - Grass Waterway	0	++	F

Symbol Effect:: - Detrimental; 0 Negligible/Slight; + Beneficial; ++ Significant effect; F Facilitating